



THE OREDIGGER

Volume 81 Issue 6

November 9, 2000

THE VOICE OF COLORADO SCHOOL OF MINES, A SUPERIOR EDUCATION IN APPLIED SCIENCE AND ENGINEERING

Another Tragedy Strikes Mines Campus

Agata Miodonski & Faisal G. Hashem

Michael Erin Mihaljevich died last Thursday, Oct. 26. He was 22. Mihaljevich attended Poudre High School in Fort Collins where he received advanced placement credits for physics, calculus, and humanities. He was student body president during his senior year, graduated valedictorian, and was a Boettcher scholar. Madalene Fetsch, who went to high school with Mihaljevich, remembers, "he was really smart...he set the curve in all AP classes." Mihaljevich was taking classes at Colorado State University while still in high school. At CSM, Mihaljevich was a senior majoring in petroleum engineering and economics.

A memorial service was held Saturday, Nov. 4 at Library Park. At the service, mementos were placed on a table,

followed by short explanations by close relatives. Presentations included an aunt's photo of Mihaljevich hiking. She said

Mike was happiest outdoors and would have wanted his memorial service outdoors. His cousin placed a ski pole on the table and said that year after year Mike wore out his ski pass. Another cousin brought up his senior year campaign poster that said "I like Mike." Grandma Ruth offered a miniature souvenir whale he brought back for her from Alaska. His uncle brought out Mike's green Mines hardhat from his fresh-

man M-Climb. His father, Alan, brought up a robot that Mike built. "I guess Mike was a born engineer" he said. His statement touched friends and family alike. Mihaljevich's mother, Barb, pulled out a tiny white sweater her son wore as a baby and said, "If we had known when Michael was born that twenty two years later this day would come, would we have still welcomed Michael? Yes we would have still welcomed Michael."

After close relatives shared their memories and mementos, a song by *The Cure*, which Mihaljevich's brother, Jim, picked out was played.

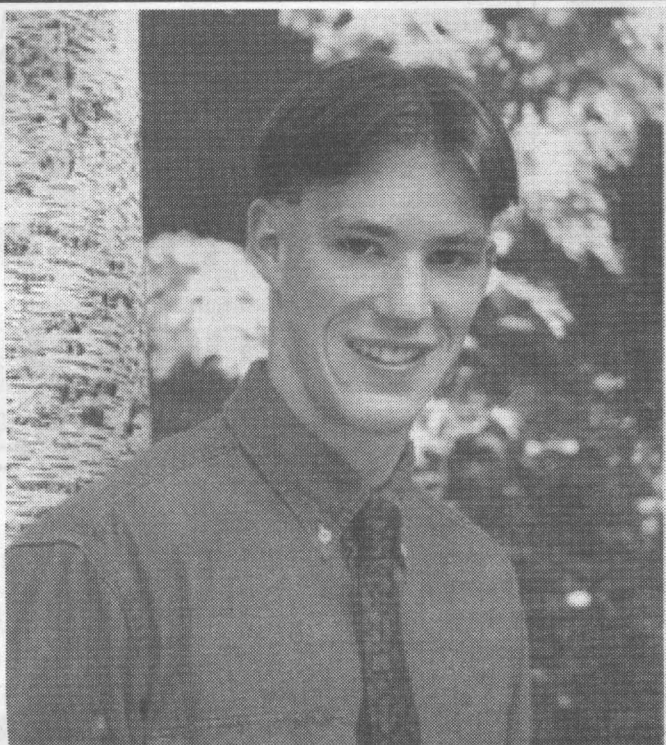
Later, other people shared memories. Mr. Anderson, a neighbor, remembered the Mihaljevich brothers playing soccer and Mike politely asking if he could get the ball out of the Anderson's back yard. Another family friend recalled bringing Mike and her son home from preschool. The two boys were sitting in the

back seat of her car and Mike was explaining how hinges work. "He was so smart that even at the age of three, he knew how things worked." A few other close friends of the family shared pleasant memories of Mihaljevich, praising his kindness, wisdom, and strength.

During the service, one speaker said, "sometimes I think it's hardest for those who are the most intelligent because they see so much." At the close of the ceremony, one of Mike's friends from Mines played the guitar while another friend sang Eric Clapton's "Tears In Heaven." The song brought tears to many eyes.

When the service was over, friends and family comforted each other. A reception was held at the Elk's Lodge in Ft. Collins after the ceremony.

It is likely, according to Dean Chvornet, that Mihaljevich will graduate this spring and receive his degree posthumously.



Michael Mihaljevich

Cabaret Coming To Golden?

Faisal G. Hashem

Golden city council recently approved an application for a nightclub/cabaret license. The company, Event Specialist's Inc., owned by Bella Fiesta, will take up residence in Heritage Square.

What do CSM students think about a cabaret off Highway 6? Lianne Hill said, "Like I care. I've been to one and I'm a girl". Maggie Roderick said, "It doesn't mean anything to me. I'm not 21." Ben Gould added, "I'm not going to go to it. I don't really care." And Jennifer Mabry said, "We don't really like it but they have a legal right to be there. It's sleazy."

Will a cabaret attract girls from Mines as dancers? Hill exclaimed, "This school? No." Gould added, "I doubt it.

Girls from Mines don't seem to be the type who would want to be dancers." Roderick countered, "Probably, I can't see how it wouldn't." Mabry agreed, "Probably, but not too much."

Would a cabaret attract men from Mines as patrons? The general consensus among those interviewed was a strong "yes." Hill immediately answered, "Hell yeah." Roderick and Mabry agreed; Gould simply said, "Probably."

Opinions about the girls who are dancers were similar throughout the group. Gould stated, "I think that's their right." Mabry added, "I don't really know any, but I guess they have to make a living too."

The group was split on the

question of whether or not cabarets are degrading to women. Mabry decided on a simple "Yes, I do." Roderick disagreed.

Gould compromised, saying, "It's hard to say. In some ways yes and in some ways no."

There was also some disagreement among the group regarding the idea of a cabaret bringing a negative element to the Mines community.

Hill stated, "No. None that isn't already here." Gould disagreed, saying "Crime? It'll probably bring in some crime."

Mabry stated, "I don't know about crime. But like I said before, it will bring in sleaze."

Parking Issues

Faisal G. Hashem

Mines must use student fees for the construction of parking lots, filling potholes, posting signs, etc. because state money cannot be used for these purposes. Parking ticket money also goes to this cause. In the end, students who don't have the time to find a legal parking spot, may contribute towards financing a new parking space.

Possibilities being evaluated include fund raising and a parking garage. Also, converting the claypits for parking will be complete next August. Another possibility being evaluated is assigned parking for freshmen, allowing off campus students more flexibility. The administration admits that their first priority is for the students. Long range plans include zoning and land purchasing.

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Kendo Club Performs Well At Tournament

Dennis King

"Gary" Liang Wang, of the Colorado School of Mines Kendo Club won first place in his division at a four state regional kendo tournament on April 15, 2000. Gary is a junior at CSM and has been a kendo club member for the past three years.

Kendo is the art of Japanese swordsmanship. It is the oldest martial art of Japan and one of its most traditional. Kendo embodies the physical, mental, and spiritual aspects of training and combines them to form a truly unique martial art.

Kendo is strictly practiced with a two handed sword (or practice bamboo shinai), no punches and no kicks. Partici-

pants wear a full suit of padded armor or bogu. The combination of the bamboo sword and armor allows students to practice full speed and full contact. Strength, size and gender have very little to do with one's ability to do kendo. The sword is the great equalizer. The true strength of kendo is in its



"Gary" Liang Wang



Photo by Douglas Baldwin

Kendo Club members practicing their swordsmanship.

mental training. Mental discipline, self confidence, strategy, knowledge, and timing are emphasized in training.

The Kendo Club meets on Wednesday evenings from 7 p.m. to 9 p.m. at the student center, upper level. If you would like more information on the CSM Kendo Club, check out our website or call Dennis King (instructor) at 303-795-9040.

Diabetic Kids Enjoy Halloween

Zach Dezman

A Halloween Carnival was held at Friedhoff Hall in the Green Center Sunday, Oct. 30. The annual event, created by the Children's Diabetes Foundation of Colorado (CDF) and the CSM Fiji chapter, provides a safe and "sugar-free" alternative to children with diabetes.

Every year CDF receives donations of pumpkins for a carving contest, sugar free soda, and nearly unlimited pizza for all. The Fijis provide

carnival games and volunteers to run the booths. They also create the main attraction - the haunted house. Constructed from a maze of cardboard, duct tape, and numerous ghosts and goblins, it always adds excitement to the event.

After a full afternoon of entertaining more than a hundred children, Patrick Anderson and Matt Behrens, the Fijis who organized the occasion, deemed it a success.

APO Sponsors Food Drive Dance

As a national service fraternity, Alpha Phi Omega offers its members several opportunities for community service. This semester, the Fall 2000 pledge class presents an opportunity for the whole campus to get involved.

Every semester the APO pledge class organizes a service project as part of the pledge process. This semester, the pledge class has decided to hold a canned food drive to gather food for Thanksgiving. To add an element of fun to the drive,

it will be part of a campus wide dance. Admission to the dance is 3 non-perishable food items or \$3. Everyone on campus is invited to attend, and people from the CU and CSU Alpha Phi Omega chapters are also being invited to attend.

The dance is scheduled for Friday, November 27 from 9 P.M. in the Student Center ballrooms. For more information, watch around campus or contact Audrey DeHerrera at adeherre@mines.edu.

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EPICS Introduces New Leadership Course

For Spring 2001, Design (EPICS) introduces a new course, Leadership: Design (EPICS) II. Students will earn four credits for the course and address issues in public policy, diversity, conflict resolution, and leadership incorporated into the engineering-design curriculum. Leadership: Design (EPICS) II will have six contact hours per week, meeting on Tuesdays, Thursdays and Fridays, from 1-2:50 p.m.

This course was designed for students interested in gaining management and leadership skills alongside the coursework in their majors. Projects in Leadership: Design (EPICS) II will be complex problems which have a public-policy component. To develop solutions to these problems, student teams will negotiate with multiple clients who may have different or even competing interests.

Class time will include mock sessions for students to rehearse their leadership skills.

The new course number is EPIC252 and students must complete an application in addition to registering for the course. Students who have completed EPICS I can enroll in Leadership: Design (EPICS) II in lieu of EPICS 251. Interested students can also register for EPICS 252 as a free elective. For more information, please contact Heidi Loshbaugh at hloshbau@mines.edu, (303) 384-2316 or Marjorie Ryan at mryan@mines.edu, (303) 273-3593.

EPICS II will return to the Caribbean island of St. Kitts during the first field session in Summer 2001. Student teams will spend three weeks working on the island nation developing solutions to problems such as soil erosion, waste disposal, and poor water

quality. Real clients, real problems: EPICS II in St. Kitts is as hands-on as it gets.

In Summer 2000, EPICS II students mapped the boundaries for a rainforest, explored options for saving lives and property during hurricanes, and discovered what was destroying a wetlands area. They also met local people and were invited into their homes, worked with senior scientists in the Kittian government, and enjoyed the sun and Caribbean waters.

This course is an opportunity for students to learn about a different country and its people, advance their design and teamwork skills, and see the potential for engineering to change peoples' lives.

Interested students should contact Marjorie Ryan in the EPICS office at mryan@mines.edu or (303) 273-3593.

Web Review for Internet History of Science Sourcebook

Zach Dezman

For those enrolled in History of War, The History of Technology, and like courses here at Mines, this should be one of your first places for research. This site offers the principles and theory behind given technology, and also covers the morality of its use and the impact of it on current and future generations. Technologies from the iron plow to the atomic bomb can be found here, as well as links to publications about all of them. However, this site's usefulness is not limited to technology.

There are links to the history of thought and philosophy and the parts they played in societies throughout the ages. This site provides a number of rather disorganized links. In general, if students can work through the sheer number of texts, it can be an invaluable source of information for history classes at Mines. The site can be found at: www.fordham.edu/halsall/science/sciencesbook.html or you can do a Google search with the keywords 'internet history of science.'

EPICS II Mines Madness

The Design (EPICS) Program will sponsor the Fifth Annual Mines Madness mountain bike race in the fall of 2001. The race, completely developed and run by students in EPICS II, gained considerable attention from the racing community with this year's race. Students will organize the entire race from financing and

contracts to course design. They will also oversee the race in conjunction with NORBA officials.

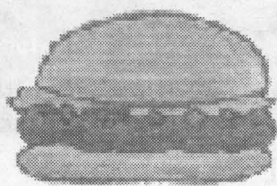
This project is a great opportunity to learn about the diverse activities necessary to operate a major athletic event. Students learn the necessity of design, teamwork, and communication in order to success-

fully conduct the race.

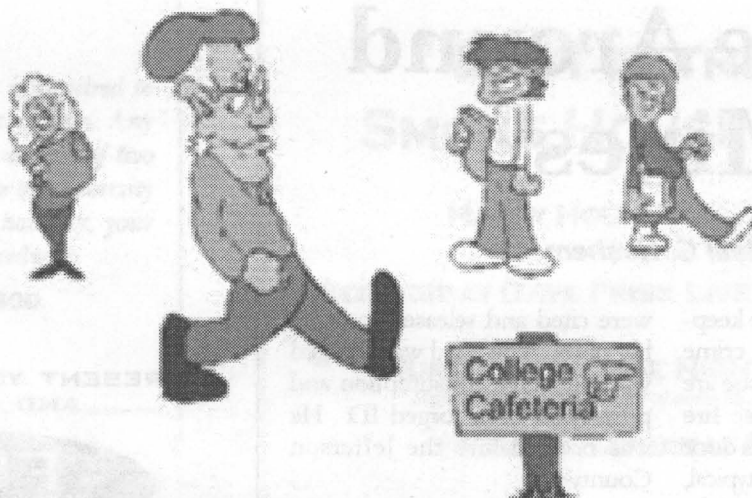
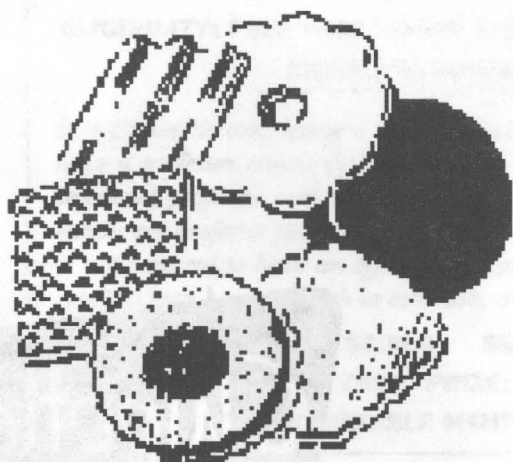
The first organizational meeting for the Fifth Annual Mines Madness will be held on Nov. 13, at noon in Chauvenet Hall, Room 143. Interested students should contact Bob Knecht (3592) at rknecht@mines.edu or Marjorie Ryan (3593) at mryan@mines.edu.

Mrs. Joy Kreiker, wife of Prof. Phil Kreiker, adjunct instructor of AutoCAD for the Design EPICS Program, died suddenly Monday, Oct. 30, at the Kreiker's home in Loveland, CO. A service was held at 2:00 pm Nov. 2 at the Kibber-Fishburn Mortuary in Loveland. The campus community extends sincere condolences to Prof. Kreiker and his family.

The I-Club will be hosting two more FAC comedians this semester. Come on in, get something to eat, and see what all the talk has been about.



The food court is just around the corner and is a great spot for a good, quick place to get a bite to eat, study or play pool.



Prospector Year Book Pictures: Come and get your picture taken for posterity In front of the Cafeteria Mon Nov. 13 during lunch, Wed Nov. 15 during lunch, or Thur Nov 16.

After your picture is taken, you will receive a coupon for a free gift from Aramark.

Seeking Editor-In-Chief

The Oredigger's current Editor-In-Chief's term ends with the semester.

Did you work on your high school newspaper?

Do you think you have what it takes?

Here's your chance to contribute to The Oredigger!

The CSM Oredigger is looking for a new Editor-In-Chief. If you're interested, pick up an application at the student activities desk in the Ben Parker Student Center.

Golden Web Sites

Keith T. Crowe

Although few of you may know, Golden has two major web sites (www.goldencomchamber.org and <http://ci.golden.co.us>) that may be of use to you. They hold pertinent information about Golden and the surrounding areas and businesses.

The first site, www.goldencomchamber.com, is kept up by the Golden Chamber of Commerce. This site has information on trails in and around Golden, local businesses, local attractions, a list of breweries in the area (we have three, did you know that?), and restaurants (look these up and take out that person you've been drooling over for so long). The site also has a job listing section, showing many of the local jobs

available for both part- and full-time employment.

The second site, <http://ci.golden.co.us>, has many of the same features as the first: job listings, businesses, etc. This site is maintained by the Golden City Council and has information on them in great detail. The site also has phone numbers, addresses and other contact information for many of the government service divisions: trash pickup, water quality, street maintenance, code violations (abandoned cars, noise complaints), etc. This site also offers local news and maps for the Golden residents and visitors.

These sites can be very useful and informative for Mines students.

Crime Around Mines

Faisal G. Hashem

Mines police seem to be keeping Mines safe. And the crime dispatch reports for this issue are light. As usual, many false fire alarms and many assists with door alarms and lockouts. As is typical, there was a good deal of suspicious activity reported, all dealt with and most turned out ok.

There were some minor-in-possessions, mostly Weaver and Thomas. Three minors were caught walking on a street with alcohol in their possession. Two

were cited and released to a sober party. The third was charged with underage consumption and possession of a forged ID. He was booked into the Jefferson County Jail.

A burglary in progress was reported for at an apartment in Prospector Village. When police arrived they found a naked man passed out on the kitchen counter with his feet in the sink. He was transported to Lutheran Medical Center.

CyGen Technologies

is looking for Internet and Windows software developers who want to work with the latest technologies.

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Photo by Douglas Baldwin

The annual Options Showcase was held in Friedhoff Hall on Oct. 25 to introduce freshmen to the various majors offered at Mines. The geophysics department won "Best of Show" for their displays and presentation.

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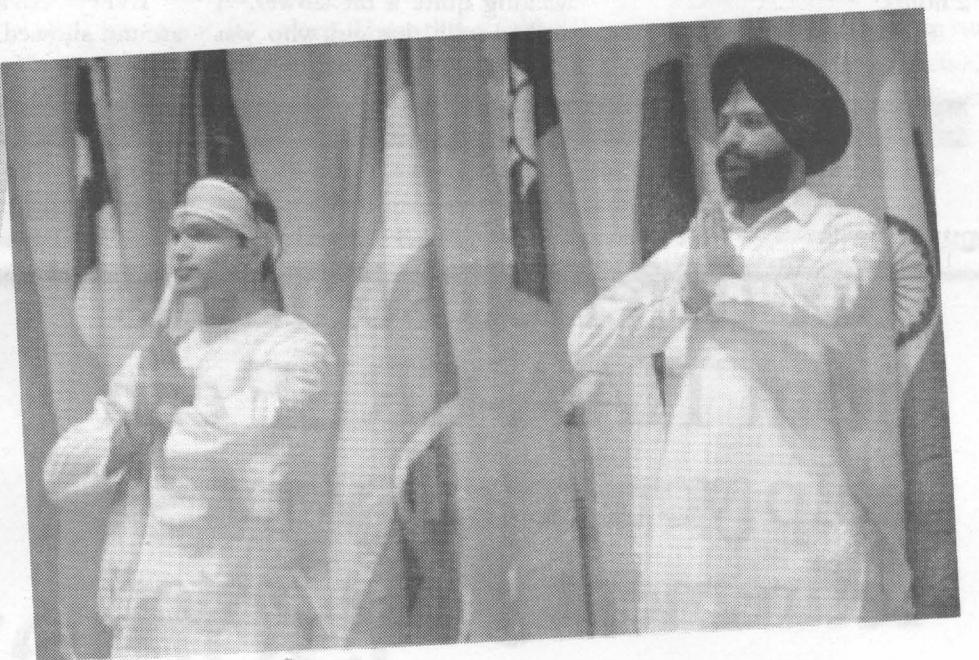
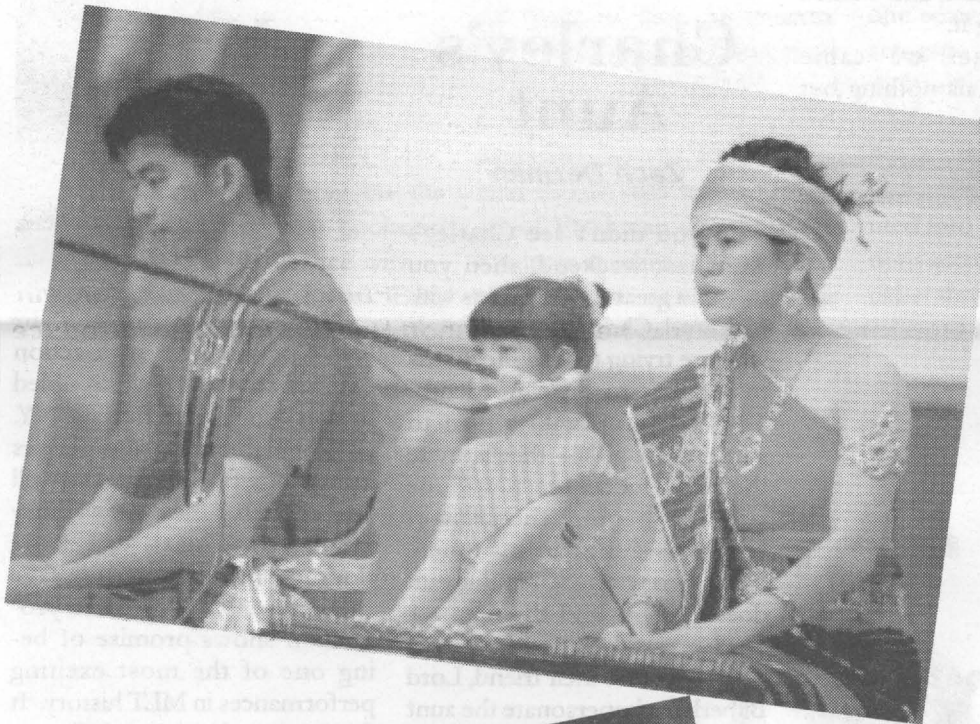
Chipotle

GOURMET BURRITOS & TACOS. PRONTO.

32ND & YOUNGFIELD



International Day 2000



Photos by Douglas Baldwin

Soul Searching and Trying Times

Devon Brendecke

I am really sick. I haven't felt this awful in a really long time. Now let me tell you why I am so sick. I had a really interesting weekend. I learned more about myself and life and everything than I ever thought possible this weekend. Saturday I went to El Escorial, which is a really huge, really beautiful palace and monastery about an hour away. It was really one of the most beautiful and incredible buildings I have ever seen in my life.

Inside it were the tombs of all of the kings and queens of Spain and all of the family of the Hapsbergs and the Bourbons. I walked around through 6 rooms full of marble tombs. It was kinda creepy. So that was fun. Then Saturday night I tried to go to bed early because I had to get up early for this hike on Sunday. I couldn't fall asleep. I was awake all night because I was so cold. There really is nothing worse than trying to sleep when you are freezing. I slept maybe 2 hours.

So we start this hike. We

hiked up for two hours before we even stopped for water. Then we continued up through thick bushes and over enormous boulders for another two hours. We were about 15 minutes from the top of this peak when this guy fell and dislocated his shoulder. We had no idea how to get him down because there were several places that we had to climb trees and scale these huge rock faces. So we turned around and hiked an hour down.

I had been hiking for five hours on a croissant, the hardest hiking I have ever done in my life, and I was freezing my ass off. You can imagine how much I wanted to whine. But I didn't. After that, we went down the easy way. I had rubbed a raw spot on my achilles tendon and it was really painful to walk. Kept my mouth shut though and just tried to keep reminding myself that at least we were going down.

So because of this sore, I was walking quite a bit slower. I walked with this girl who was

really nice and this guy who spoke really quietly and mumbled, in Spanish of course, and then laughed at me when I couldn't understand him. I wanted to kill him. I swear I will never mumble again.

So we are about 200 yards behind the rest of the group, or so I thought. We walked for ever, at least three miles, and come to a bridge. We cross the bridge and find a road. We hadn't seen a road on the way up so we were quite confused. So the three of us start walking up the road and about five minutes later we ask these people how far it was to the town. They told us that we would never get to the town that direction and in the other direction it was about eight or more kilometers. Swell. Here I am freezing with two people I don't know, a guy I can't stand, a bum foot, and I have to walk five miles to town. We walked and walked and walked and I was losing it.

Every corner we came around showed us nothing but

more mountains. I thought I was going to die. I wanted to go home to my own house in my own country so bad and I hated Spain. So finally I asked if we could please hitch hike.

We flagged down a car and it was a man and his two little kids. We rode in his car for 15 minutes into town going about 45. Imagine how long that would have taken us to walk. I was so thankful. We met the rest of the group and made it to the bus on time.

So we get on the bus and the people in front of us, five of them about our age, light up a pipe. They are smoking and drinking and singing and playing a guitar. The bus driver then pulls over the bus, and comes back to yell at us, not them, to

quit smoking joints. He goes on for a while and threatens to call the police. Jerks. They just sat there and laughed at us.

So I got home last night at about 10. I want to go home when I have times like this. I want to be with my family and my good friends but I can't.

I learned something about myself when I finally make it through. I was so scared on that road before we flagged down a car. I seriously thought I wasn't going to make it. I did, though, and look back at it and think it's funny that I was so scared. I had every reason to be scared.

Next time I am that scared, I will remember that day and realize that everything will work out. I will make it through. And I will learn something every time.

Mines Little Theatre :

Charley's Aunt

Zach Dezman

Moon Over Buffalo

Steve Daniel

If you didn't see Charley's Aunt last weekend, then you missed a great show. It starts with Jack and Charley, two friends who are trying to find the words to propose to their girlfriends. They come up with a plan to surprise the girls — they'll invite the girls over for lunch with the ruse of having them meet Charley's aunt during lunch. Things go wrong when the aunt doesn't show and the men are hard pressed to produce one. They convince their friend, Lord Baberly, to impersonate the aunt and things go downhill from there. From the great accents to pin-point timing on the punch lines, the cast performed well. But this is just the first of two comedies put on by MLT this fall, the second being 'Moon over Buffalo' which you can catch this weekend in Metals Hall in the Green Center.

"Moon Over Buffalo" by Ken Ludwig is a high-action comedy about a small, troubled theater company in Buffalo, NY.

When the company players learn that a famous director will attend one of their shows, they begin a mad dash to fix the doomed production and save the company. This MLT production shows promise of being one of the most exciting performances in MLT history. It features a talented and diverse group of actors. Chris Spitzer is even going to leap off a table; its worth the cost of a ticket (\$3.00) just for that! The show runs Nov. 10 and Nov. 11 at 7:30 PM in Metals Hall, Green Center.

Contact rpongoni@mines.edu for further information.

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When you're investing for retirement, the adage "never put off until tomorrow what you can do today" doesn't apply to taxes.

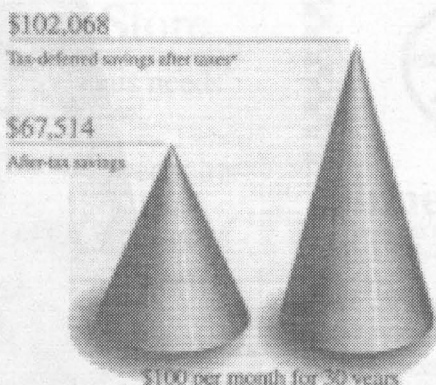
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*Note: Under federal tax law, withdrawals prior to age 59½ may be subject to restrictions, and to a 10% additional tax.

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Sigma Lambda Offers Support to Alternative Lifestyles

"Sigma Lambda, the Gay, Lesbian, and Bisexual campus organization, is a group of like-minded individuals at the Colorado School of Mines. We gather together as friends with similar interests and concerns... Addressing the needs of the Mines gay, lesbian and bisexual community is our number one goal, so come join us as we work to promote happy, healthy lifestyles for engineers in the community."

Sigma Lambda has over 20 active members this year, ranging from freshmen undergrads to alumni and friends. Sigma Lambda is an open group that welcomes all students, staff, alumni, and friends that are gay, bisexual, lesbian, or heterosexual.

Sigma Lambda is here on campus as a safe haven for students who need a supportive community in a largely unsupportive environment. They meet every other week to create a healthy, happy, and fun environment addressing the needs of the Mines gay, lesbian, and bisexual community.

In these meeting the members talk about issues such as coming out, tolerance, and much more. Along with the meetings the group also meets on off meeting weeks to get together for some fun. In the past the group has done such things as BBQ's, Pride fest, GLB film festival, ski trips and jet skiing.

The Sigma Lambda group has been involved in a few activities on campus, such as a booth at Celebration Mines and chalking the sidewalk for "National Coming Out Day."

To find out more about Sigma Lambda, visit their website at http://www.mines.edu/Stu_life/organ/glbe/ or email them at sigmalambda@mines.edu. If you desire to contact this group, everything is kept completely confidential.

September 6, 2000

That's probably where I would have remained. That

Sigma Lambda,
First off, I want to thank you for existing. Living at home with one's very straight and markedly homophobic parents can be taxing for a young homosexual. As I'm sure it's been stated before, being a closet gay is tantamount to being a secret agent deep in enemy territory... it's impossible to know whom to trust. For the last couple of months, I had been feeling a nearly uncontrollable urge to "come out" to my parents... finding it hard to keep such a core element of my life a secret from them. Absurdly, I hoped that "defecting to the enemy" would result in merely being pumped for information rather than being taken out to the firing squad.

Fortunately, that's when I came across the Sigma Lambda web site. After doing a bit of research, I quickly realized that my parents' reactions would be much closer to a firing squad than an interrogation. Thus, it seemed only prudent to take two steps back into the closet rather than one giant leap out.

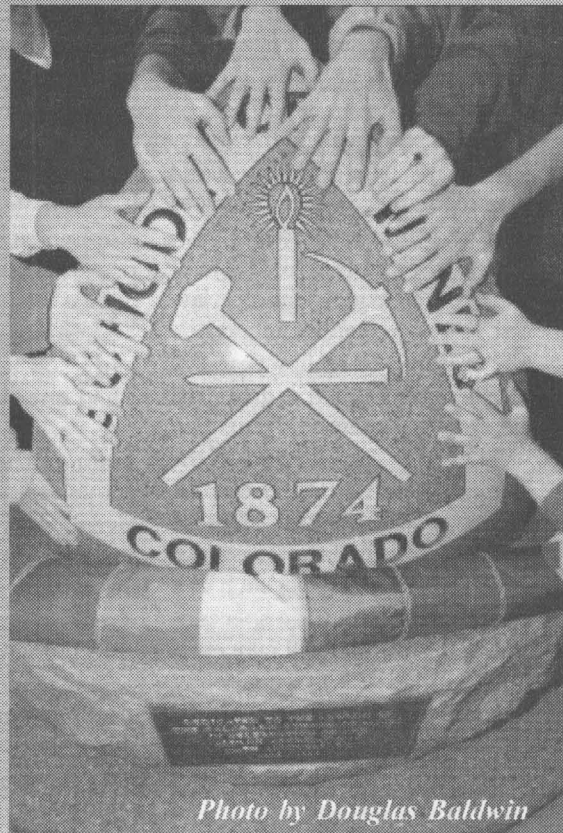


Photo by Douglas Baldwin

is, if it hadn't been for the "Celebration of Mines." That's where I saw the Sigma Lambda booth smack-dab in the middle of all the action. At first, I was afraid to even walk near the booth, less I tip my hat to the "enemy." But, as the crowds waned, I took my chances and dove through the closet doors to seek asylum from the "norm."

At first, I questioned this leap of faith... wondering if I would be safe even making this baby step toward the light. So much so, I felt overwhelmed with a morbid fear of what I had done. But hope for a better life pushed me forth.

Even after the meeting, I was filled with anxiety about the floodgate that I had opened. But luckily, all my fears were quickly arrested as I walked across campus the next day and saw the

faces of Sigma Lambda. For the first time in years, I no longer felt alone.

Thanks for everything,
A Sigma Lambda Member



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Not valid with any other discount. One coupon per customer. Cannot be used for raw goods. Valid at all Goodwill Industries of Denver retail stores. Expires 12/31/00.

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Join Us For Our Grand Opening!!!!
November 10th, 11th & 12th • Store Opens 9:00am Sharp!
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**Clowns • Face Painting • Balloons
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Sunday, November 12, 4:00pm
Be There To Win A 35" Color TV



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Really GOOD Drugs!!!

Rusty Lannin

Something that everybody wants - and can have some extraordinarily good times finding the unbelievable truth about it. Now that I have your attention, we can talk about "School." I embarked on my year of studying abroad with no expectations and relatively few hopes except for a great time. Since I studied in England, that is what my experiences reflect. If you are to grab the opportunity to study abroad, which I strongly suggest, anywhere other than the University of Surrey will be somewhat different - though similar at the same time.

The politically correct reason why I went to England was to study aboard. Studying there is much different than you might ever guess. Basically if you can scrape by, by the skin of your teeth at Mines, you can easily do the same anywhere in the world.

One of the first things that I noticed was the dorms. My dorm was a lot like a VERY little house on campus. Stage Hill # 5. These complexes held 10 people (mixed sex) in which I had my own room and shared a bathroom with another guy. There were 4 guys and 6 girls: 2 Americans, 5 freshers (freshmen) and 3 final years (seniors). There was something like 60 different little houses such as this. There were also many other types of dorms; different styles and shapes scatted all about the campus. Our kitchen and bathrooms were cleaned everyday and the floor was vacuumed once a week by the house cleaner (which was very nice). A very exciting event went on the first few months after I arrived there: each room received it's very own phone. This was quite exhilarating, because up to that point there had been only one phone for every floor or house for communal use. A senior resident (RA) was chosen for each house on the basis of who lived there and cared to deal with it. This caused the relationships to be quite casual with everyone in the house.

Then classes began to start. On most campuses in England there is a stager system. Second years and final years began around the first of September.

Freshers did not begin until 2 weeks later, thus giving the older students time to get ready. Now if you caught that, freshers, second years, and final years: does it only take 3 years? Yes and no. Your third year is called the placement year, in which you go into industry and see if you really enjoy what you are getting a degree in. It is not obligatory to do this, but most students do.

Once students arrive they are shown their course module layout (that semester's schedule). For example, every first year civil engineering student is given the exact same schedule. Thus you will have the same people in the same classes for the entire semester and even the years to come. The only difference arises if you have something such as a computer or language specialty, in which case you will take extra classes. Now if you were, to say, fail mathematics I (calculus I and II), then you automatically proceed on to mathematics II (calculus II and III) and even mathematics III (diffe-Q). Only, at the end of that semester, you must re-exam in mathematics I. You can even take the exam a third time, but it is strongly discouraged. Another nice difference is that there are not many course work assessments (homework) given in any one class. Some classes are only the final exam. I did learn quickly that this is not to make it easier, just that the few assessments must be done in an export report format. Hence it was looked on badly being done the night before. The way my schedule worked out was that two of my two hour long classes overlapped by an hour. Instead of having to choose between, it was perfectly acceptable for me to attend one for an hour and leave during the tea break and go to the other class. About every 50 minutes the class would break and go to the lounge for tea or coffee or outside to smoke a fag. These breaks I found to be quite nice and I would implore professors to use them at Mines.

Only passing grades transfer back from England and appear on your transcript as a "I". In order to pass most of the classes you must have, at the very least,

35%; sounds great, doesn't it? What you come to find out is that 70% there is equivalent a 100% over here. I did not believe it either. You really only have 35% from an A to F. When in the States you have 40% from an A to F. Now it is possible to achieve over 70% in England - I received 85% in one class - but it is not very common. They employ tricks such as on negative marking on a multiple-choice exam. When you have written a paper that says "Great work" on it, you receive a 58%. I had one class that was the entire year long, with only one exam at the end covering the whole year. The exam was also given 3 days after returning from a month long spring break (during which I traveled). It was closed note and closed book and I got a 34%- luckily my course work got me a 35% over all. There are also these 2 words that are new when you are from over the pond. External Examiner. This is the person that after your professor checks over your paper, has it sent to them. Now the External Examiner checks over the same paper and puts a grade on it, which can be higher or lower. The British do this to help keep "Quality control". I would think you only need to have "Quality Control" if your quality really needs to be controlled, but no one asked me. This External Examiner only affects you in one slight way- the amount of time it takes to get an exam grade back. I did not know my first semester grades until just prior to spring break.

The lectures (professors) I found to be very helpful and understanding. Even though some did not have office hours, they were most likely in their office if you stopped by. They really were sympathetic that I was taught much differently than their other students. I call math, "Math" when they called it "Maths". I had taken Calculus, and not A level (high school, freshman year) maths. The best part was the look in their faces when I would tell them that I was taking first, second, and final year courses at once. They would say "Au ok, well, that's quite interesting". Enjoy.

COLORADO MOUNTAIN CLUB

Colorado Mountain Club,
710 10th Street, Suite 200, Golden
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Thursday, November 9, 2000
7:30 PM

HIKING IN THE SWISS ALPS PRESENTED BY BILL RUSSELL

The Swiss Alps have always presented to hikers a perfect combination of alpine hiking challenge, breath-taking beauty, and cultural diversity.

Bill Russell will present a show with narrative of hiking through three of Switzerland's four cultural regions - French, Italian, German, and Romansch. Emphasis will be on the great beauty of this legendary alpine region as well as the unique experience of hiking in a land where just over the next ridge is an entirely different culture, language, foods, even the look of the people is different.

I Can't Ask For Anything More

Joshua Boge

Besides being completely shot down by a Spanish girl in an attempt to establish relations between our two countries and realizing that I have a Mechanics 4 test next week (having not taken Mechanics 3), I think that everything is going okay.

Starting with the Spanish girl, Maria Sonia Gutierrez Martinez is one of the most beautiful and intellectually attractive women I've met in my time of living. Knowing she had a boyfriend in Spain, I finally decided that the time had come for me to tell her that I felt something more than friendship for her. So I say, "Tu eres la persona que quiero" with a direct translation of 'You are the person that I want.' After some ramblings in Spanish and some puzzled looks later I realized that perhaps I should have kept my mouth shut. I figure I had nothing to lose by laying my balls on the line, but I like this girl so much that I hope she doesn't think less of me.

Also last weekend I traveled to Slovenia with a group of people by rental car. For the most part this was an excellent trip. The first day we traveled to the town of Bled, which, in the summer, is an overwhelmed tourist trap, but in the middle of October is a beautiful escape for exchange students such as myself. We found a hostel that was only 15 USD per night, and the next day we checked out the area.

Very close to Bled is a national park, complete with hiking trails and German tourists. The landscape reminded me very closely of Colorado, with absolutely amazing mountains rising from glacial lakes near the town. I am by birth a flatlander from Michigan, so these kinds of landscapes are a new thing to me. I think that I will be going back to Slovenia this winter for some skiing excursions.

Saturday night we traveled to the Slovenian capital of Ljubljana, and despite the small size compared to Budapest, I was pleasantly surprised by what the town had to offer. The Spanish of our group (11 out of 14) were dead set on consuming large quantities of Absinth, a 70 percent alcohol drink but I was up for some light party effect. The Israeli girl of our group (Yael, she's quite nice) wanted to sleep so I accompanied her to the van where we slept, freezing our asses off the entire night.

Running out of patience for the slow decision making of the Spanish Armada, on arriving Sunday night I was as short-tempered as a bull at Pompolonas. Finally we arrived home, and I was able to take a shower and hit my familiar Hungarian bed.

One more quick story for you - last week I visited a NUCLEAR REACTOR. I actually saw where Homer Simpson sits. The school I am attending has a program for training people that will work at nuclear reactors, so there is a small one at the campus. It is a non-power generating reactor: all of the energy created is absorbed by the cooling water. So I was able to take some excellent pictures of the building and the actual core of this reactor. I can't explain how cool it is to have seen the work of nuclear physics in action.

I encourage every one of you freshmen and sophomores to go to the Office of International Programs in Stratton 110. Unless you are some sort of weird loser there is no way that you will ever regret going on an exchange. So far I have had the time of my life, all while getting a little credit at my home institution.

So far, so good.

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Letter to the Editor

Voice of Young Voters
Must be Heard

Editor's Note: Although the election has passed, Toni's message is important to share.

I am writing in regards to the upcoming election. I have read the past letters to the editors concerning some of the presidential candidates, which include several strongly worded reasons not to vote for the other guy! Although the education of voters about the candidates is worthwhile, the importance of young people going to the polls and voting is the FIRST STEP in voter education, not just a casual reminder. Young people today have an important voice that needs to be heard. Our voice has fallen on deaf ears in the past because young people have not turned out in great numbers at the polls.

So far, I have been disappointed by the candidates who do little to address the issues of our generation. Instead, I have continually heard about tax cuts and social security, a clear attempt by the candidates to target older voters. Not to say that these are not important issues, but if issues like higher education and the

environment were discussed, this might help stop the voting crisis among young voters.

A cycle of neglect exists between young people and candidates. In 1996 here in Colorado, only 44% of people (18-24) were registered to vote, and only 84 out of every 1,000 of these registered voters turned out at the polls! These statistics are alarming! We need to break this cycle of cynicism.

Young voters have remained absent from the election booth for too long. With big money running the electoral show-down, quite literally, the health of our democracy is at stake. We, as young people have the opportunity to make this the first election of the 21st century a historic one by urging our peers to find their voice and VOTE on November 7. Considering that there are over 350,000 18-24 year old voters in Colorado, imagine the impact we could have!

Toni L. Cisar
Colorado Youth Vote 2000

"Crime at Mines"

-or-

"Things Police Do"

In Volume 81, Issue 5, a letter entitled "Got Pork" was printed. In this letter, the title of my article was questioned. The author stated that since not everything that is printed in my article is a crime, then I shouldn't call my article "Crime at Mines."

First of all, I picked out the name because it was catchy and because it most clearly described the contents of the article.

I noticed that the author of the letter did not provide any useful solutions or suggestions for a proper name for the article. He did, however, provide some obscene suggestions that were

of no use. I suppose that I could call the article, "Places the Police Went" or "Things the Police Do" but who would read it?

Secondly, has the author of this letter ever read a newspaper such as the Denver Post or the Rocky Mountain News? Many times, headlines are printed in those papers and not every aspect of the accompanying articles pertains to the headline.

It is very difficult to come up with an interesting article title that will completely address each as-

pect of the article. It is especially difficult to do the same thing for an article that runs every issue of the paper.

I imagine that the author of this letter doesn't know about these difficulties; he's too busy criticizing other people.

Take the title of his letter for example: "Got Pork." To what is this a reference? To me? To the police? Either way, it is nei-

ther a well thought out title, nor a courteous one. It is ironic that one who criticizes the title of someone's article should come up with such a poor one himself.

Thirdly, I must state that if I only included crimes in my article, the article would be ten lines long. Very little in the way of crime happens on this campus, as most of you know. My goal is to inform the student body because an informed population makes better decisions.

I found a quote fitting of the topic: "Any fool can criticize, condemn and complain - most fools do." Dale Carnegie

Erin McLeod

Any fool can
criticize, condemn
and complain -
most fools do.

Dale Carnegie

A Forecast For
Doomsday

Election 2000 Candidates Fail to Inspire Americans to Vote

(Written on Monday, November 6th - one day before Tuesday, November 7th...)

The campaign trail is hot and worn and beaten. A light dust is kicked up as the Bush campaign rolls on back home to Austin, Texas tonight for one last stand. Somewhere outside of Detroit, a bus stirs up a few autumn leaves as the Gore campaign sweeps through the Midwest.

And in their wake are the people whose spirits are as frenzied as the leaves and the dust - slightly stirred, a bit confused and emotionally cold. In the contest that has been touted as the closest since the Nixon and Kennedy bout of 1960, in the contest that bills the vice president of a two-term president versus a two-term governor with presidential heritage in his veins, how in the world are pollsters predicting the lowest turnout ever to the polls come Tuesday?

It is so apparent that every voice will count this year - it can't be spelled out any clearer: every single vote will make a difference (Al Gore is even pleading to Ralph Nader supporters for crying out loud, a man gaining hardly 5% of the vote, because even these votes are crucial). The answer is quite simple actually. It's even a funny story - funny, if your idea of humor is the ultimate downfall of our democracy and status as a representative nation.

Consider this. In September, an ad from the Bush campaign jolted the press when it was found a possible subliminal message (remember - subliminibal?) in an ad attacking Gore's prescription drug plan. A message spelled out RATS, and no adequate explanation was ever given to resolve the issue - result: no significant waver from Bush supporters. Earlier that same month, Bush was apparently unaware of a microphone being on during a rally when he quipped to funny man Dick Cheney about some newspaper "asshole" being in attendance. The crack was amplified and played on the evening news on every station in every living room - result: no significant waver from Bush supporters.

During the painstaking debates (which the Reform party candidly declared Jim Lehrer as

the undisputed victor of) Al Gore was mocked and ridiculed for not only claiming to have been the inventor of the internet, but three other stories which were preposterous and false - result: slight waver in the Gore support, then things stabilized back to normal.

Just Saturday, Bush was caught giving a speech during which he remarked on Gore's Social Security Plan, "as if it were a federal program", why Mr. Bush...it is, oh yes it is, my sorely misinformed friend, it is - result: people weren't watching this rally, Saturday Night Live was on.

And finally, as if any more examples are needed (but this one's a kick in the pants); a tasty and juicy skeleton fell with a whiskey induced drunken stumble right in front of the Bush bus when it was revealed that he had been convicted of a DUI during his alcohol frenzied days of halcyon (no need to tell you that no significant blow was felt by either the Republicrats or the, oh hell they're the same anyway).

There is a simple reason for all of this: the American bar of standards has not only been lowered, but has fallen to the ground and given to the dogs to bury beneath the bones of the American Dream. There are no more standards when the candidates we're supposed to pick between to lead us for the next four years are barely able to stand by themselves let alone for you and I. It's no wonder that voting rates are plummeting - I'd have more of a guilty conscience backing either of these misfits than if I made like some of my roommates and over 50% of you whom I talked with at school who are just staying home because it's too damned cold outside.

I've got news folks, it's only going to get colder if we can't put up better candidates than these two anymore. The system is dirty, and I don't need to hold off on this article until after Tuesday to tell you what no other pollster has been able to determine - what with their political science degrees and years of experience on every campaign trail since Kennedy / Nixon, they still can't make the final prediction.

It's a sure bet folks, can of corn so to speak, piece of cake, etc. Here's your forecast...

This term's Presidential choice, to whom go the spoils (you and I), will be a man who has so little backbone that he will fail to demand a lower fuel economy for automobiles, which will jack up gas prices where you thought you were saving with taxes, because he will not be able to turn down corporate support from General Motors.

This term's Presidential choice will be a man who will increase, or maintain at best, all unnecessary military spending, money that could have put toward making universities public and save you what you've paid already, because he will not be able to turn down the corporate investments of Lockheed Martin and Boeing.

This term's Presidential choice will be a man who feels justified in helping out the "common man" because he has plans to raise minimum wage one whole dollar over a period of time (2-3 years for either candidate).

This term's Presidential candidate will be so consumed with foreign affairs, especially in the Mideast, because our oil interests are at stake rather than investing in fuel alternatives, um, I mean because he is a humanitarian. (Gore is such a humanitarian that in an interview with Tim Russert, when asked if he would give a pregnant woman the death penalty replied: "well, I would have to evaluate the circumstances". Bravo Mr. Gore, bravo. And let's just avoid the governor on this one).

He will tell you one thing and do another and you will eat your pie because you voted for him. That's right - unless Ralph Nader or John McCain or Bob Kerrey or Jesse Ventura or...Dr. Hunter S. Thompson wins this election, if you put your faith with either of these mediocre liars and fools, then you can eat it...I can go on and on with this prediction, but if it isn't already apparent, well, that's the state of our standards unfortunately. Get ready for doom, and lot's of it... How's that for a forecast - and it's only Monday here!

Chris Fabian

To submit a "Letter to the Editor," please email oredig@mines.edu by November 10 or by December 1 to be placed in the last issue of the *Oredigger* for the fall semester.

Letter to the Editor

Disrespect Towards Students Uncalled For

To Whom It May Concern:

I am writing to vent frustration and express outrage at the way this school is run. Specifically, I would like to point the finger at the extremely poor level of professionalism used by the faculty and staff when working with students.

I, for one, am sick of having to deal with the constant contempt, discourtesy, and general arrogance of the individuals who work in Guggenheim. Fortunately for me, I am graduating in December, and won't have to deal with it anymore, with the possible exception of being harassed by the alumni office for money.

On numerous occasions, I have had errors in billing, problems with

I, for one, am sick of having to deal with the constant contempt, discourtesy, and general arrogance of the individuals who work in Guggenheim.

encumbrances on my account that should not have been there, and lost paperwork. During my four-and-a-half years at this school I have, at least once a semester, had to correct problems that were caused by the administration. They are not careful about what they do, and when students call them on it, they are disrespectful and act as if it is a chore for them to correct what they did incorrectly in the first place.

If you haven't been a victim of this school's administration, count yourself lucky, and consider yourself to be in the minority.

To illustrate, consider a case-in-point. After moving out of the dorms, and having my dorm contract released, I was refunded my dorm charges. After a couple of weeks, I went to the cashier's office to get my refund check. So far, no problems; however, during pre-registration, I was informed that I owed the school money. Apparently, the school credited my account the full amount of my dorm costs, and then, a month after I moved out, charged my account a pro-rated amount for the time I spent there.

There was no notice from the school that I owed this money, and as a result I had over \$200 in late charges that had accrued over the semester. Outraged at this "minor oversight," I went to the Student Receivables office, where I had the displeasure of speaking with Ms. Jane Cowden. After arguing with her for a good 20 minutes about why I should not be charged late fees, she finally agreed to waive the fees. However, after doing this, she

promptly returned to what she was doing before I came into her office, without bothering to tell me what she had done, asking whether she could do anything else for me, or even bothering to let me know that the conversation was done. After 2 or 3 minutes of sitting in silence, she finally told me "you're free to go. I'm just checking on some things."

No apology. No thanks for pointing out this mistake. Nothing! I asked her why this whole

thing happened and whether it was possible to do something to avoid problems like this for other students in the future. She completely ignored me. Disgusted, I walked out of the office.

Believe it or not, this is how the majority of my discussions with members of the schools business and administration offices have gone. Talking with others, they have also had similar experiences. Many chose to pay the bill, even though they knew it was wrong because they were not willing to put up with talking to members of the administration who are notoriously thick-headed, arrogant, and full of contempt for the students.

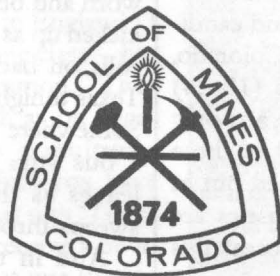
I should take time to point out that not everyone in the Administration has problems. Ed Liberatore, one of the school's lawyers, and a professor of Constitutional Law and Politics, was very willing to work with students, and never showed anything but respect to me. Another example of excellence in Guggenheim is Sandy Ruppert in the Registrar's Office. Sandy has always been very happy to help students, especially when graduation is approaching.

In closing, I would like to extend my apology, in advance, to the CSM Alumni Association, and the campus in general. Sorry folks, I will not be donating any of my hard-earned money to this school until the administration pulls a 180 and starts to respect the students of this campus. I encourage everyone else to do the same. I intend to keep in touch with my fraternity to see if there are indeed any changes with the administration. Be warned, CSM, you are shooting yourself in the foot by paying these people's salary with our tuition moneys.

Chris Mills
ctmills@mines.edu

The Oredigger

THE VOICE OF COLORADO SCHOOL OF MINES, A SUPERIOR EDUCATION IN APPLIED SCIENCE AND ENGINEERING



Rachel's Tears Offers Insight to Christians and Non-Christians Alike

"I write not for the sake of glory, not for the sake of fame, not for the sake of success, but for the sake of my soul."

- Rachel Joy

Following Rachel Joy's death in the Columbine school shooting, her life unwrapped before her parents' eyes as they read through journals Rachel kept. Her journals chronicled her typical teenage life. She struggled, like many of us, with her religion, drinking, smoking, friendships and relationships. Her life was not extraordinary in most senses but her death made her a martyr in many people's eyes.

The book, *Rachel's Tears*, is worth reading by Christians and non-Christians alike. The book intently focuses on Rachel's belief in God and her struggles with Christianity but also challenges the reader to think about many aspects in their own lives. As a Christian, I can identify with her struggles about God's plan or even the simple existence of God. As a human being, I understand her struggles with trying to fit in among her peers and the various moral questions she deals with, such as physical relationships, drinking, and divorce. *Rachel's Tears* makes the reader think about their decisions and may even persuade a little realigning of their moral compass.

Besides being able to relate to Rachel, the book invites contemplation of gun control, forgiveness as well as parenting. Contributors to the book include

Rachel's parents, siblings and friends. They address issues they've dealt with since the shooting. Beth and Darrell, Rachel's parents, discuss gun control and their struggle to forgive Eric Harris and Dylan Klebold.

Although the book focuses on Rachel's relationship with God, this book is definitely

worth reading by Christians and non-Christians alike. The subjects addressed and the thought provoking nature make this short read (about three hours) well worth the time.

horts those that believe in God to live for Him today because tomorrow may not come. It is a book of hope, that good can and has come out of the tragedy of Columbine. It exhorts believers to walk closer to God, to talk with Him and struggle with Him. This is what *Rachel's Tears* does best: it teaches that if you want to get closer to God, you must talk with Him and struggle with the truths, not to just merely accept them blindly.

The book also examines the spiritual motives and forces behind the Columbine tragedy. Rachel's father views the tragedy as an example of the relativistic hopelessness that engulfs modern thinking. He doesn't blame video games and media alone, but the culture that allowed and encouraged

Dylan and Eric's hatred and hopelessness.

This book is undoubtedly for Christians. It does not apologize for its Christian worldview. If you want to read a detailed account of what happened, this is not the book for you.

If you want to read about a modern day martyr and what her life, words, and relationship with God were before her death then you should read *Rachel's Tears*.

James Oltman

Editor's Note: *Rachel's Tears: The Spiritual Journey of Columbine Martyr Rachel Scott* by Darrell Scott, Steve Rabey and Beth Nimmo can be purchased at the CSM bookstore.

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With All Due Respect, a Change is Needed

A closer look at EPICS and poor communication skills of CSM students

"Did you write this proposal?"

"Yes, sir."

"Is English your first language?"

This is the sort of conversation you do not want to be having with your supervisor your first month on the job. This is the kind of situation that could get a person regulated to a shack in the Alaskan wilderness overlooking a breathing-taking vista...trees, snow, pipeline, dead moose, one bar, no Chinese take-out...or at least a luxury cubicle-suite. But you are too smart for that to happen to you, right? You are a Mines graduate. The world should be on their knees worshipping the ground you walk on. Roll out the red carpet, break open the \$100 bottle of champagne, plug in the Nintendo64.

And then there is the real world. The local CEO may not have your mental prowess, your flawless mastery of Statics, C++, and the Greek Alphabet. But she can find all that in the books on the shelf in her office-with-a-window-and-a-Jacuzzi. But,

more importantly she can talk to people, write interesting things, and even engage in everyday chit-chat about something other than the classic buttered-cat-light-rail theory. No one is kissing your feet while proclaiming you to be the best thing since Al Gore invented sliced bread. And some guy is paid to translate your proposals into lay terms and present the information, in style, to your bulging-wallet client.

The problem is that you are a Mines student. You have to struggle against the odds to enter the real world with better than dismal communication skills. Why is this you ask? Well, here are my thoughts on the matter. What? You say you didn't ask for my opinion? Tough. You are getting it anyway. Feel free to turn the page at any time.

EPICS has great intentions. It did from the start. Its creators had the right idea. But they tried to do too much. EPICS does not properly teach Mines students how to write. Every freshman should start with a semester of Freshman Composition. Students at other colleges take a similar course regardless of their

major. Engineers, Artists, Accountants, and Physicians alike learn to write. They all need to communicate. Lumping writing instruction in with EPICS, NHV, and Senior Design is not adequate. Writing should be the focus of one class for an entire semester, without distraction.

As much as the average Mines student complains about having to take drafting as a freshman, it is, in fact, a very important skill to have. Pictures are a form of communication that are vital in an engineer's career, and can prove useful in problem solving situations. Drafting should remain in EPICS, but the curriculum should be modified to better suit the students' skill levels. When I took EPICS back in the Stone Age, I could have finished twice as much drafting and Auto-CAD as I did, all in one semester. That may sound arrogant, but that just happened to be one thing I was good at. And there are many others like me coming through this institution. Students should be distributed into differently paced sections according to their skill level, either through EPICS placement

tests or redistribution in the first few weeks of the semester. Students could even have the option to take the course entirely online (a subject which I will delve into further in a future commentary.)

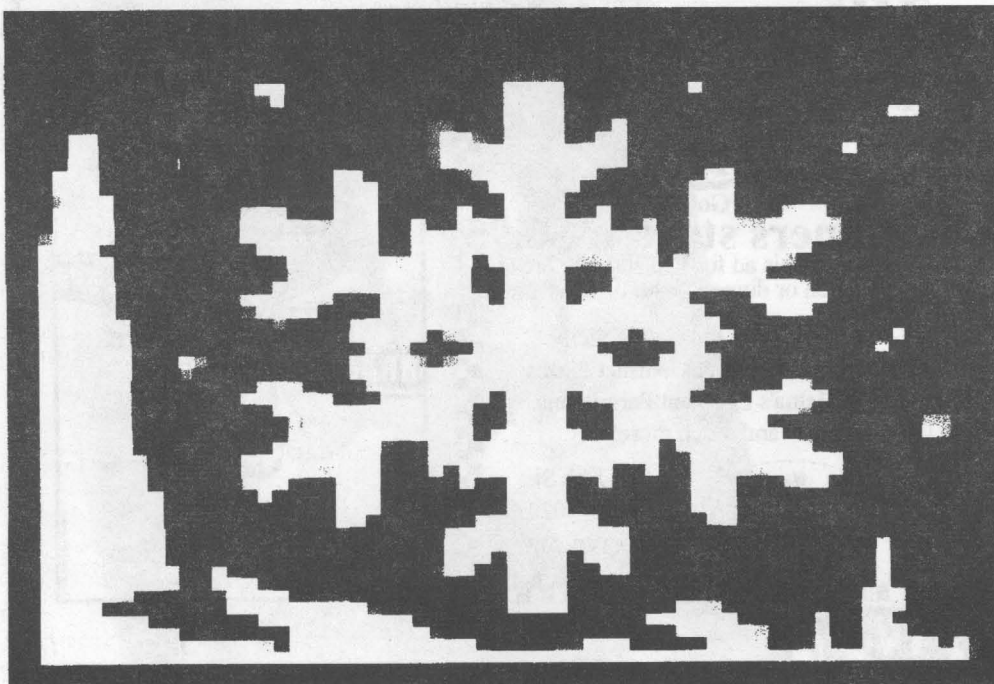
So what do I think the major focus of EPICS should be? Presentation. The level of technical knowledge of the average Mines freshman or sophomore doesn't lend itself to in-depth projects for that sake of the project. That is what Senior Design is for. The focus in EPICS should be on the process, on teamwork skills, on presentation skills. EPICS is on the right track here. But the emphasis should be even more on presentation skills. Teach an engineer how to use PowerPoint creatively. Engender in him the ability to get the information across to a client that will sell his work, without putting the client to sleep. These things will make an engineer the big bucks in the long run. Truth be told, I have worked with classmates in my Senior Design courses that couldn't give away crack samplers at a George W. Bush col-

lege bachelor party. (All right. I think it is too late in the evening for me to make any more attempts at political humor.)

But as I said in my last commentary, EPICS is neither the entire problem nor the entire solution. If Mines students learn to communicate in a boardroom, engineer-client situation, it still is not enough. CEOs and other such high-paid employees actually make their living off of networking. They make friends, who do them favors. It is really just that simple. Networking requires an ability to make small talk. This is much easier if you have something interesting to talk about. And, in our ever more global economy, it can be helpful to be able to make small talk in a language other than English. In my next article I will explore the failings of this school, and the students in attendance, when it comes to non-science-and-engineering studies and extracurricular activities, foreign language and multicultural studies, and study abroad and internship opportunities.

Brett Maughan

Outdoor Recreation November



- 11th – Full Moon hike – Big Blue Stem trail
- 13th – Dressing for Winter Sports clinic, 4:30 in the ORC
- 15th – sign up deadline for 11/25 ski, telemark, & snowboard lessons
- 22nd sign up deadline for 12/2 ski, telemark, snowboard lessons and shuttle
- 25th – ski, telemark & snowboard lessons at Loveland
- 27th sign up deadline for Avalanche Awareness course, \$35

Howdy Folks!

WELCOME TO GOLDEN

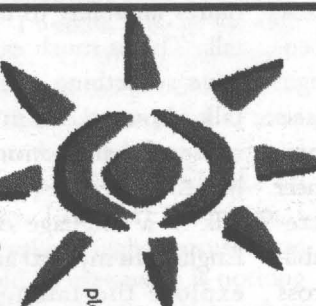
WHERE THE WEST LIVES!

Hilltop Cafe

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By: Keith T. Crowe

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Jamba Juice offers great selection of all natural, tasty drinks. Most of Jamba's selections are made from juices, while others are milk based (the chocolate ones are delicious). These drinks are actually healthy for you though you'd never know it by the taste; this is a great change from the college food I've been eating this year.

The trip out to Denver west is a short one and well worth it for these delicious drinks. I always get a frozen drink from Jamba Juice when I'm out in Denver West, especially on high stress days.

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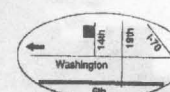
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Oredigger Football: Kudos to the Team

Despite disappointing losses during season, Oredigger football far from disappointing to watch

I have just one thing to say to the Oredigger Football team: Good job guys.

Seriously, I know this might sound like a big joke, considering they only have two wins this season, but I have to say I am pleased with the football team's progress this season.

In the past, the football team hasn't been much to watch.

I didn't even know seventy-something to nothing was a pos-

sible football score until I started watching Mines football.

True, last season there was one win (the first game in fact), but the 43 points scored in that game were probably more than were scored in the rest of the season. All in all, the season was not that great for the spectator.

This year, however, is another story. Maybe it is the new coaching, maybe it is new players, maybe the team has just

adopted a new outlook. Maybe it is a combination of factors that have changed the team this year. I have heard several different theories.

Whatever the reason may be, the fact is that this year, the Mines football team looks much better than in the past.

The games are interesting to watch, because our players are actually playing. Our team scores points. They may be beat, but

they are not being destroyed.

The games are close. This weekends close loss to Adams State made for one of the best football games of the season.

Football is not about winning. It is about playing. True, we would like to win, winning is fun. But athletes don't "win" football; they "play" it.

The Mines football team is at a disadvantage. They can not recruit any player they want as

some of the other schools can. We obviously can't accept stupid football players into our school.

Our football record is a testament of the quality of our school. If we let any idiot who could play football come here and play like certain schools we play, we could have a good football team too. Believe me some of them are very stupid-I went to high school with them.

If schools like CU and CSU recruited their football team from their engineering schools, I bet we could beat them.

Our team may not be winning but they are playing this year. And that makes watching the football games worthwhile.

This article is not to disregard any of the Mines teams that perform well in competition.

Our tennis and soccer teams are just two examples of great athletic teams we have here at mines.

But the football team deserves our support and recognition for vast improvement. I can't wait until next season.

Sump RMAC Special Teams Player for Second Time in 2000

Colorado School of Mines sophomore return specialist Brian Sump was selected as the Rocky Mountain Athletic Conference special teams player of the week for the period ending October 23.

This is the second time this season Sump has received RMAC recognition.

Sump returned five kicks for 156 yards in Colorado School of Mines 55-33 loss to Mesa State College last Saturday in

Golden. The 6-0, 175 pounder from Denver, Colo. (Thomas Jefferson HS) averaged 31.2 yards in the game with a long return of 40 yards.

Sump is currently among national leaders in kickoff and punt returns.

The Orediggers finish the 2000 season on the road when they play Adams State in Alamosa on October 28, and Western State in Gunnison on November 4.

Gabler RMAC Co-Offensive Player of the Week

CSM quarterback Aaron Gabler was named as one of the RMAC's offensive players of the week for the period ending October 30.

Gabler broke two school records in the Oredigger's 29-25 loss to Adam State College last Saturday. He was 33 of 54 passing for 412 yards and three touchdowns in the game. The 33 completions break the Colorado School of Mines record (23, Dennis Ulrich, vs. Adams

State 1970) as do the 412 yards (383, Ulrich). Gabler also carried the ball nine times for 46 yards and one touchdown.

Mesa State fullback John Lancett also recieved RMAC offensive honors for his 129 yards rushing and three TD's on 17 carries against the University of Nebraska-Kearney.

The Orediggers end their 2000 season against Western State College on Saturday at 1 p.m. in Gunnison, CO.

THE ELIE WIESEL PRIZE IN ETHICS ESSAY CONTEST 2001

SUGGESTED TOPICS

- Explore how a moral society's perception of the "other" may result in social separation, prejudice, discrimination, hate crimes and violence.
- Examine the ethical aspects or implications of a major literary work, a film, or a significant piece of art.
- Reflect on the most profound moral dilemma you have personally experienced and what it has taught you about ethics.

ELIGIBILITY: FULL-TIME JUNIOR AND SENIOR UNDERGRADUATES

DEADLINE: JANUARY 5, 2001

In addition to completing a Student Entry Form, the student is required to have a professor review the essay and fill out a Faculty Sponsor Form. Any interested professor may act as a Faculty Sponsor and a maximum of two entries per professor per contest year will be accepted. The college or university is not required to have an official coordinator for the contest; however, your campus may have, or wish to establish, an internal set of procedures.

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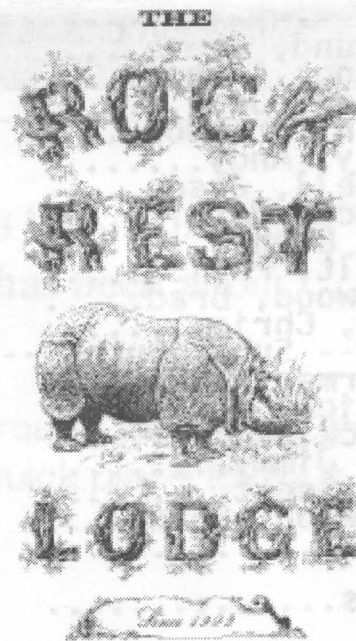
THIRD PRIZE: \$1,500

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Oredigger Soccer

D'Alessandro Receives
RMAC Honors Again

GOLDEN, Colo. — Colorado School of Mines men's soccer player Nico D'Alessandro is one of the Rocky Mountain Athletic Conference's three offensive players of the week for the period ending October 24. The recognition marks the second time in the 2000 season D'Alessandro received such honors.

D'Alessandro, a junior forward from Littleton, Colo., (Columbine) tallied two goals including the game-winner last Wednesday against Regis University to record his seventh and eighth of the season. The No. 8 (NCAA II) Orediggers won the contest 3-1.

D'Alessandro is currently ranked third in the RMAC in

scoring with 19 points, third in goals with eight, and 14th in the conference with three assists.

Josh Veryser from Fort Lewis College and Cory Fitzsimmons of Metro State also received recognition for outstanding offensive performances this week.

Head coach Frank Kohlenstein's Orediggers are currently eighth in the nation, first in the Midwest Region, and first in the RMAC.

Mines finishes the regular 2000 season this week when they host Colorado Christian University Wednesday at 7 p.m., and Fort Lewis College Friday at 6 p.m. The Orediggers play Sunday at Denver University at 3 p.m.

2000 RMAC Men's
Soccer Champions

Golden, CO - Fort Lewis College beat the Colorado School of Mines men's soccer team 1-0 Sunday in Golden in the Rocky Mountain Athletic Conference 2000 Championship match to claim the RMAC title. The win marks Fort Lewis' third victory over Mines in the 2000 season.

The Skyhawks (12-5-4 overall, 9-4-1 RMAC) will now wait to see which team is selected to advance to the NCAA II Men's Soccer Tournament November 11-12.

Mines out-shot Fort Lewis 14-6 in the game, putting seven of their shots on goal to FLC's five. Fort Lewis senior goaltender Steve Berglund saved a Mines penalty kick taken by

junior forward Nico D'Alessandro in the first half of the match.

The score was even at zero going into the second half, when CSM senior defender Jason Hilgers was called for a foul in the penalty box (47:39).

Fort Lewis senior midfielder Brandon Kaplan capitalized on the ensuing penalty kick, giving the Skyhawks a lead they would never relinquish.

Mines remains winless against Fort Lewis in 2000, as the Orediggers were beaten 2-1 in Durango on September 17, and in a 1-0 overtime match-up in Golden on October 27.

Nevertheless, the Oredigger soccer team deserves our applause!

Rebuilding
Ladies
Basketball
Team

Greg Bolinger

Womens basketball team re-vamping after a good year last year. The Lady Orediggers are faced with a tough task this year. They have to replace four seniors that played major minutes for them last year. They will have to replace the huge shoes that these four seniors left with a great deal of young talent.

Taking over Amy Bollinger's job will be her sister Marie. Replacing Mindy Harman will be Lauren Bock. Kim Good will replace Nikki Bautista and Jen Schmidt will take over for Kristin Dillard. The only returning full time starter will be Junior Marissa Eichhorn. The Lady Orediggers open up at home against Colorado College on November 29.

Soccer Box Score (Final)

The Automated ScoreBook For Soccer

Fort Lewis vs Colorado Mines (Nov 05, 2000 at Golden)

Fort Lewis (12-5-4, 9-3-2) vs.
Colorado Mines (14-4-4, 9-3-2)
Date: Nov 05, 2000 Attendance:
Weather: snowy

Goals by Period 1
Fort Lewis..... 0
Colorado Mines..... 0

Fort Lewis					
Pos.	##	Player	Sh	SOG	G A
GK	1	Berglund, Steve.....	-	-	- -
MM	2	Bonanno, Anthony.....	-	-	- -
MM	3	Veryser, Josh.....	2	2	- -
DD	4	Kaplan, Brandon.....	1	1	1 -
DD	6	Finley, Andy.....	-	-	- -
DD	7	Campbell, Jason.....	-	-	- -
DD	8	Vannice, Matt.....	-	-	- -
DD	9	Diaz, Brent.....	1	-	- -
DD	11	DeBoalt, Phil.....	1	1	- -
DD	13	Greenwood, Brad.....	-	-	- -
DD	15	Greer, Chris.....	-	-	- -
Substitutes					
	00	Zimmerman, Devin.....	-	-	- -
	5	Fredrick, Brian.....	-	-	- -
	10	Haddock, Rick.....	1	1	- -
	12	Hall, Jimmy.....	-	-	- -
	16	Baca, Scott.....	-	-	- -
	19	Thorseson, Shane.....	-	-	- -
TM		bench.....	-	-	- -
Totals.....			6	5	1 0

Colorado Mines					
Pos.	##	Player	Sh	SOG	G A
GK	1	Kerr, Brian.....	-	-	- -
DD	4	Hilgers, Jason.....	-	-	- -
DD	5	R-Kelly, Sean.....	-	-	- -
DD	6	Williams, Robbie..	-	-	- -
DD	7	Mankamy, Jay.....	-	-	- -
DD	9	Miller, Marc.....	-	-	- -
DD	10	D'Alessandro, Nico	-	-	- -
DD	11	Talburt, Eric.....	-	-	- -
DD	12	Trask, James.....	-	-	- -
DD	17	Talaiferro, Mike..	-	-	- -
DD	23	Bills, John.....	-	-	- -
Substitute					
	8	Fletcher, Travis..	-	-	- -
	14	Peacock, Jared.....	-	-	- -
	15	Flanagan, Joel.....	-	-	- -
	16	Good, Chris.....	-	-	- -
	18	Chieduko, Victor..	-	-	- -
	19	Cross, Justin.....	-	-	- -
TM		team.....	-	-	- -
Totals.....			-	-	- -

Fort Lewis				
##	Player	MIN	GA	Saves
1	Berglund, Steve.....	90:00	0	7

Shots by Period			
	1	2	Tot
Fort Lewis.....	2	4	6
Colorado Mines.....	8	6	14

Corner Kicks			
	1	2	Tot
Fort Lewis.....	4	1	5
Colorado Mines.....	1	2	3

SCORING SUMMARY:

GOAL	Time	Team	##	Goal Scorer
1.	47:39	FLC	4	Kaplan, Brandon

Assists

Penalty kick

CAUTIONS AND EJECTIONS:

YC-FLC #15 (10:26); YC-CSM #10 (27:47); YC-FLC #8 (77:22);
YC-FLC #9 (87:03); YC-CSM #23 (89:00)

Officials:

Offsides: Fort Lewis 2, Colorado Mines 0.

Volleyball Served Losses

Karen Martin

The Oredigger volleyball team matched up against Colorado Christian University and Chadron State two weekends ago. The Diggers lost to CCU the Friday night in five games: 8-15, 15-10, 7-15, 15-9, 9-15. "We played every other game, it wasn't a very consistent match for us. The team did play well when we were down two games, we forced a fifth game," said coach Harris. Heather Booker hit .462 on the night and Lora Suazo hit .444 for the match. "Our middles played awesome." As a team the Miners out hit the Cougars .169 to .154. The Saturday night CSM lost to Chadron State in four games: 15-9, 10-15, 10-15, 13-15. According to Harris the difference between the first game and the other three was clear, "we spotted them at least six points before we started playing and then we had to play catch up."

There was one game where we were down 8-1 before we started playing." In the first game the Diggers hit .262 and in the second game only hit .059. "If we would have continued to hit .262, we would have beat them in three games," said Harris. This week at practice the

team worked on the offensive part of the game. "We have to put the two together."

On Saturday October 28, the Digger volleyball team traveled to Kearney Nebraska. The Miners lost in three games: 6-15, 7-15, 1-15. "We didn't play well as a team, we were really up and down," said coach Harris. Laurie Alzheimer hit well on the night and Lindsey Marquez had a good passing game. On Sunday the team matched up against Ft. Hays State. The Orediggers defeated Ft. Hays in three games: 16-14, 15-8, 15-0. Lora Suazo scored 11 straight points in the last game. In the final game of the match, CSM hit .600. Andrea Giersdorf hit .375 on the night and ended up with 24 assits. On the following Wednesday the team was lost in three games to Regis University. "We definitely let that one get away," said Harris. In the second game the Diggers were up 11-2 and let Regis come back to win 16-14. "We were out of focus. We didn't stay at that level long enough to finish. We started there, but didn't take it to the next level that was needed to win," stated Harris. Heather Booker hit .250 for the evening and Lora Suazo hit .313.

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Volleyball Box Score Colorado Mines 2000 Volleyball Regis University vs Colorado Mines (Nov 01, 2000 at Golde

Regis University		GP	K	ATTACK			SET A	SERVE		SRV RE	DEF DIG
No	Name			E	TA	PCT		SA	SE		
1	Ovitz, Erin.....	3	0	0	0	.000	1	2	2	0	12
3	Martinez, Ysabel....	1	1	1	4	.000	0	0	0	0	0
5	Gonzales, Tara.....	3	1	0	5	.200	40	0	1	0	6
6	Schraeder, Amie.....	3	15	6	32	.281	1	0	1	0	4
7	Zevenbergen, Wendy..	2	3	3	9	.000	0	0	0	0	0
8	Bayley, Julianna....	3	10	4	25	.240	3	1	1	2	8
9	Dodgin, Jennifer....	1	1	0	1	1.000	2	0	0	0	0
11	Bernson, Nora.....	3	11	6	25	.200	2	2	2	2	14
13	Hernandez, Sasha....	2	0	0	0	.000	0	0	1	0	3
15	Faubion, Renee.....	3	8	6	25	.080	0	0	1	0	10
Totals.....		3	50	26	126	.190	49	5	9	4	57

TEAM ATTACK PER GAME				
Game	K	E	TA	Pct
1	12	5	36	.194
2	19	11	50	.160
3	19	10	40	.225

GAME SCORES				TOTAL TEAM BLO	
1	2	3	TEAM RECORD		
Regis University....	15	16	15	18-8,13-4	
Colorado Mines.....	11	14	9	10-19,6-12	

Colorado Mines		GP	K	ATTACK			SET A	SERVE		SRV RE	DEF DIG
No	Name			E	TA	PCT		SA	SE		
2	Suazo, Lora.....	3	7	2	16	.313	0	2	2	0	2
5	Vannucci, Angela....	1	0	0	0	.000	0	0	0	0	0
6	Marquez, Lindsey....	3	0	0	0	.000	1	0	0	1	8
7	Kammerzell, Coree...	3	4	4	23	.000	1	0	1	0	6
9	Alzheimer, Laurie...	3	4	5	24	-.042	0	1	1	1	7
11	Giersdorf, Andrea...	3	2	1	11	.091	20	0	1	0	6
12	Hesseltine, Sonia...	3	6	3	22	.136	1	1	1	1	6
15	Booker, Heather.....	3	4	1	12	.250	0	0	0	2	7
Totals.....		3	27	16	108	.102	23	4	6	5	42

TEAM ATTACK PER GAME				
Game	K	E	TA	Pct
1	12	9	41	.073
2	7	2	34	.147
3	8	5	33	.091

Site: Golden, CO (Volk Gym)

Date: Nov 01, 2000

Referees:

Attend: 235

Time: 1

Miner Notes

AIChE

American Institute for Chemical Engineers (AIChE) held elections in which Kathy Christman was elected Social Chair, Derek Kleehammer was elected Treasurer and Zach Dezman was elected historian. For an up to date on-line source of information about AIChE, visit talus.mines.edu/Stu_life/organ/aiche/. The next meeting is the 10th and will be held in Meyer Hall 220 during the lunch hour.

Alpha Phi Omega

CSM's co-ed service fraternity meets Wednesday nights in Meyer Hall 357 at 7 p.m. For information on how to pledge (even if you haven't attended any rush events) contact Neil Blazak at nblazak@mines.edu.

Anime Club

Take a break and watch some cartoons with us. Next showing is Nov. 12, noon, in the ballrooms of the Student Center. It's 100% free. There are also Monday meetings. Contact mhaisfie@mines.edu for info.

APO

APO meets Wednesday nights at 7 P.M. in Meyer Hall 357. For more information contact Neil Blazak at nblazak@mines.edu.

ASM/TMS

ASM/TMS has always had strong presence on campus. Nevertheless, starting this semester, MT department head, Dr. J.J. Moore combined all related materials societies into one called Materials Science and Engineering Club (MSEC). This included ISS, ACerS, AWS, and ASM/TMS. We welcome members from all departments on campus. Email yhuang@mines.edu.

Ballroom Dance Club

Thursdays, 8:30-10 p.m. Student Center-Ballroom C. Practice sessions starting at 7 p.m. before each lesson. \$18 semester dues, \$4 drop-ins.

Board of Publications

If you have complaints regarding any of the publications at the Colorado School of Mines, please feel free to contact a member of the Board of Publications. You can email the chair at clanders@mines.edu or the ASCSM representative Kip Findley at kfindley@mines.edu.

Bridge Club

If you like to play cards and want something more interesting than hearts or spades, why not try bridge? The CSM Bridge Club meets every Wednesday evening at 6:00 in the Coolbaugh atrium. Players of all skill levels are welcome.

Campus Crusade for Christ

All are welcome to join us for our weekly 737 meeting. It is a place to hang out with friends and talk about life. Meetings are held every Thursday at 8 p.m. in Ballroom A in the Student Center. Afterwards, we will be going to the Golden Grind for food and fellowship.

Circle K

Come find out about the world's largest student-run service organization. Meetings are held Tuesdays, 6:30 p.m. at the Student Center in room 234. For more information contact zachscully@hotmail.com.

Earthworks

Are you interested in becoming involved in environmental issues at CSM? Come check out Earthworks. Meetings are held Mondays at 12 noon in Meyer Hall 353. All are Welcome! Questions? Email earthworks@mines.edu.

FCA

The Fellowship of Christian Athletes meets Wednesdays at 7:30 p.m. in the projection room on the second floor of Volk Gymnasium. All are welcome: Christians, athletes, both or neither. For more information email fbuckner@mines.edu.

International Society of Explosives Engineers

Monday, Nov. 20 Dave Mosch, speaker (Edgar Mine Manager) with videos and displays.

International Student Organization

The International Student Organization represents the interests of all internationals at the Colorado School of Mines. Informal meetings are held at the International Office (1404 Maple Street) as needed. We welcome ideas on activities to further improve the experience of the International students and the Mines community at large. Contact Leslie 303-273-3210 or Kenny 303-215-0449

Kayak Club

Kayak Club holds pool sessions Mondays from 7:30-9:30 p.m. Everyone is welcome, beginners to advanced. Contact Nicole Baert at (303) 273-0507 or email nbaert@mines.edu.

LDSSA

All students are invited to enjoy a guest speaker and lunch for \$1 at the Latter Day Saint Student Association's Friday Forum Fridays at noon at 1212 Arapahoe Street. Email meallen for more information.

Outdoor Rec Center

Looking for a little recreation? Need equipment? Need lessons? Visit the Outdoor Recreation Center across the street from the IM fields. Hours: Mon-Fri 10-6 and Sat-Sun 10-2. 303-278-6202

NSBE

The National Society of Black Engineers presents its first Greek Step Show on Nov. 17th at 7:00 p.m. in the Student Center Ballrooms. Experience a creative and unique form of artistic and musical entertainment. Come for FREE FOOD and a chance to find out what a step show is all about. Don't miss it!

Oredigger

Looking for crazy nights, wild women, mischievous men and free lunch? The *Oredigger* is looking for reporters and editors. No experience necessary. Meetings are Mondays at noon, BH 204 and lunch is provided.

PHATES

(Peers Helping Aid in Tough Everyday Situations) "We are listening..." Dedicated to listening to your problems. For more information, contact Mel Kirk at the Student Development Center, 303-273-3377.

Probation

The following organizations maybe placed probation for not registering their organization for the 2000-2001 year: Arts and Crafts Club, National Society of Pershing Rifles, Society of American Military Engineers, Ultimate Frisbee Organization, Women's Ultimate Team. Please come and pick up a organization registration form and return to Student Activities as soon as possible to avoid being placed on probation.

SCA

The Society for Creative Anachronism meets Thursdays 7-9 p.m. in Kafadar Commons and in case of inclement weather, in the Field House. Questions? Contact David at (303) 278-3061 or dclement@mines.edu.

Sigma Lambda

Sigma Lambda is the student organization for the gay, lesbian, bisexual, and transgendered community at CSM. We welcome students, faculty, staff, and alumni to our meetings and social events. For more information and upcoming events, visit our web page at http://www.mines.edu/Stu_life/organ/glbe/ or email sigmalambda@mines.edu.

Sober Drivers

Need a ride home on Friday or Saturday night between 9 p.m. and 3a.m.? Call Kappa Sigma Sober Driver Program at (303)-279-9951. You must be within 15 minutes of campus.

Sports Nut?

Rapidly growing company seeking highly motivated and goal oriented individuals to join our team. Training provided. Serious inquiries only. 1-877-387-3754

Study in Delft

On Nov. 14 noon-1:30 p.m. representatives from the Technical University in Delft, Netherlands will make a presentation about their university and the opportunities for CSM students to have a study abroad experience in the Netherlands. Interested students are invited to join them in Stratton 110 for pizza and sodas. Students from Delft studying at CSM and other international students will be present. To assure that an adequate amount of pizza is available please call ext. 2120 to make a reservation.

SWE

Are you ready for an inspiring year? This year, the theme of Society of Women Engineers (SWE) is "Inspiring Women." SWE is a fun club! You will have huge benefits: Evening with Industry, Ice cream social party, and many interesting guest speakers. Come to CO 209 on Wednesdays at noon! Lunch will be served. Join SWE and have fun with us.

Ultimate Frisbee Organization

Mines Ultimate will be practicing this fall on Tuesdays, Thursdays, and Fridays at 5 p.m. on Kafadar field. This is a competitive team that travels to different areas around the state and country to compete in tournaments. If interested view our web sight at http://www.mines.edu/Stu_life/organ/ufo/ and contact any of the officers for more information.

Water Polo

Mines water polo is off to an exciting start. Practices are Tuesday and Thursday form 7:45-9:45 p.m. and Saturday from 1-3 p.m. This is a coed team so please feel free to join us in Volk gym pool.

Women's Ultimate Frisbee Team

Want to have fun, make friends and get in shape? Come be a part of Mines' Women's Ultimate Frisbee Team. No experience is required. Practice is on Kafadar Commons from 4-6 p.m. Tuesdays and Thursdays. For more information, call Julie West at 303-278-7431.

Volleyball Club

Meetings on Thursdays at 7 in the Field House. For more information, email rstephen@minse.edu.

Classified Advertisements

For Sale.

90 Honda CRX 4-cylinder, 148K, 5 speed, CD-player, and good gas mileage. Questions- email Toby turnage@mines.edu

'82 Volvo 244DL standard w/ overdrive, air conditioning, CD player, snow tires. Great condition- \$1800, (303) 978-9023

Epson inkjet printer \$50, dinette table w/ 4 chairs \$50, Queen bed frame \$25, CD rack \$5, 303-384-3995

Queen waterbed new heater liner/ mattress wood frame with bookcase headboard \$175. Antique Maple dining table and 4 chairs \$150. In Golden but we can transport to CSM. Call 303-278-1072

Pair of women's ski boots, almost new (used twice)- \$50. abrinson@mines.edu

Service Providers.

Spaces avail. for daycare and morning preschool. Children ages 2-5 accepted. In my home located on 6th Ave and 19th St. Ask for Anneka 303.215.6156

Help Wanted.

Nanny/ babysitter for 9 mo. old M-F a.m. thru p.m.- flexible hrs. Molly 303 278-0909 leave msg.

Female student wanted for occasional childcare. Golden family. Please call Debra 303-278-0099.

Golden mother seeks domestic help; 5-10 hrs/week. Childcare and light housekeeping; fluency in a foreign language (Spanish, French, Italian) a plus! Please call for further information Elaine 278-4436.

Nannies, Childcare. Professional Care for Children Wanted 303-471-0704

CSM students graduating this year with majors in computer science or electrical engineering who are interested in working for Agilent Technologies (Formerly Hewlett Packard) in Colorado Springs. Contact Jason at bikerone@juno.com or 215-6436.

Help Wanted, Live in nanny in Golden, 2 & 3 yr old, M-F to 5pm, salary & 1bd duplex provided, N/S and trans req'd. 720-352-6535h 303-939-5169w

Female quadriplegic (46) seeks students for home health care. Duties include assisting with personal hygiene, bathing, dressing, etc. Some lifting required. No experience necessary, will train. Part-time morning or evening hours available. Morrison area. \$7.50-\$10/hour. Please call Cheryl @ 303-697-6725.

Please submit all Miner Notes and Classifieds by Friday, November 10
oredig@mines.edu